





PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P801371/WO/1	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPBA/416				
International application No.	International filing date (day/month/year)	Priority date (day/month/year)			
PCT/EP2003/007047	02 July 2003 (02.07.2003)	04 July 2002 (04.07.2002)			
International Patent Classification (IPC) or n B08B 1/00	ational classification and IPC				
Applicant	DAIMLERCHRYSLER AG				
This international preliminary example Authority and is transmitted to the action of the second	mination report has been prepared by thi applicant according to Article 36.	s International Preliminary Examining			
2. This REPORT consists of a total of	2. This REPORT consists of a total of5 sheets, including this cover sheet.				
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consist of a	total of 6 sheets.				
3. This report contains indications relating to the following items:					
I Basis of the repor	I Basis of the report				
II Priority					
III Non-establishme	nt of opinion with regard to novelty, inventiv	e step and industrial applicability			
IV Lack of unity of	nvention				
Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
VI Certain documen	ts cited				
	n the international application				
	ı				
Date of submission of the demand	Date of completio	Date of completion of this report			
18 December 2003 (18.	12.2003) 25 1	November 2004 (25.11.2004)			
Name and mailing address of the IPEA/EI	Authorized office	Г			
Facsimile No.	Telephone No.				

Granslation

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Internat	pplication No.	
PCT	EP2003/007047	

I. Basis of the report							
1. This report under Article	1. This report has been drawn on the basis of (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.):						
	the international application as originally filed.						
\boxtimes	the description,	pages1-14	, as originally filed,				
		pages					
			, filed with the letter of,				
		pages	, filed with the letter of				
\boxtimes	the claims,	Nos.					
		Nos.	, as amended under Article 19,				
		Nos	, filed with the demand,				
			, filed with the letter of <u>28 September 2004 (28.09.2004)</u> ,				
		Nos.	, filed with the letter of ·				
	the drawings,	sheets/fig1/4-4/4	_ , as originally filed,				
-		sheets/fig					
			_ , filed with the letter of,				
		sheets/fig	, filed with the letter of				
2. The amend	dments have resul	ted in the cancellation of:					
	the description,	pages					
	the claims,	Nos.					
	the drawings,	sheets/fig					
1							
3. Thi	s report has been og beyond the disc	established as if (some of) the an losure as filed, as indicated in th	nendments had not been made, since they have been considered e Supplemental Box (Rule 70.2(c)).				
4. Additiona	l observations, if	necessary:					
			-				
.							
			<u>.</u>				
ļ							

V.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability
	citations and explanations supporting such statement

1.	Statement			
	Novelty (N)	Claims	1-28	YES
		Claims .		NO
	Inventive step (IS)	Claims	1-28	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-28	YES
		Claims		NO

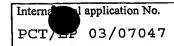
2. Citations and explanations

Reference is made to the following documents:
D1: WO 95/04203 A (KRISTIANSEN MORTEN; DAMBERG FINN (DK))
9 February 1995

D2: FR-A-2 674 559 (ONET) 2 October 1992

Document D1, which is considered the prior art closest to the subject matter of claim 1, discloses (the references in parentheses relate to said document) a method and device for cleaning a surface of a component (12) using a cleaning device (1), wherein the component surface is cleaned by a cleaning head (13) that can be moved by a positioning device whilst generating pressure to press the cleaning head onto the component, the positioning device has a rough positioning system (7, 8, 9) and a fine positioning system (11), and the cleaning head is moved in a force-controlled manner by the fine positioning system in one direction of movement (28).

The subject matter of claims 1 and 8 differs therefore from the known method and device in that the cleaning head has a three-dimensionally extending cleaning surface and at least one stop shoulder whose cleaning stop surface can be moved frontally onto an edge of the component whilst



generating pressure, the cleaning head being moved along at least one axis of movement by a fine positioning system within a predetermined tolerance window.

The subject matter of claims 1 and 8 is therefore novel (PCT Article 33(2)).

The problem addressed by the present invention can therefore be considered that of enabling front and rear component surfaces to be cleaned in an operationally safe and quick manner by the cleaning head in a single wipe process.

The solution to this problem proposed in claims 1 and 8 of the present application involves an inventive step (PCT Article 33(3)) since documents D1 and D2 relate merely to the cleaning of even surfaces.

Claims 2 to 7 and 9 to 28 are dependent on claim 1 and therefore likewise meet the PCT novelty and inventive step requirements.